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1636

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/811,842

DATE: 05/16/2002

TIME: 13:04:28

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\05162002\I811842.raw

3 <110> APPLICANT: Link, Charles J.
 4 Seregina, Tagiana
 5 Vahanian, Nicholas N.
 6 Higginbotham, James N.
 7 Ramsey, Jay W.
 8 Powers, Bradley J.
 9 Smukla, Sachet A.
 10 Young, Won Bin
 12 <120> TITLE OF INVENTION: Methods and Compositions for Elucidating Protein Expression

Profiles in

13 Cells
 15 <130> FILE REFERENCE: P04465US1
 17 <140> CURRENT APPLICATION NUMBER: 09/811,842
 18 <141> CURRENT FILING DATE: 2001-03-19
 20 <160> NUMBER OF SEQ ID NOS: 2
 22 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 375
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Mus musculus
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Sequence trapped demonstrates 99% homology to a high mobility
 31 group protein, HMGI-C after a BLAST search against mouse EST
 32 database in Genbank.
 34 <220> FEATURE:
 35 <221> NAME/KEY: misc_feature
 36 <222> LOCATION: (3)..(4)
 37 <223> OTHER INFORMATION: n=unknown
 40 <220> FEATURE:
 41 <221> NAME/KEY: misc_feature
 42 <223> OTHER INFORMATION: n=unknown
 45 <220> FEATURE:
 46 <221> NAME/KEY: misc_feature
 47 <223> OTHER INFORMATION: n=unknown
 50 <220> FEATURE:
 51 <221> NAME/KEY: misc_feature
 52 <222> LOCATION: (358)..(374)
 53 <223> OTHER INFORMATION: n=unknown
 56 <400> SEQUENCE: 1

W--> 57 tttnccgnga aagctcctcg cccttgctca ccatgggatg ccatttecta ggtctgctc 60
 59 ttggcggttt ttctccaatg gtctctgctt tcttctgggc tgettttagag ggcctcttgt 120
 61 ttttgcctgcc ttgggtctt cctctgggtc tcttaggaga ggcctcacag gttggctctt 180
 63 gctgctgctt cctgggtcgg ccgcgtcttc gcttctgttg caccggggcg gcaggttgct 240
 65 cctgggctga tgtggacggc tgcccggcgc cctcaccgcg tgcgtctcct ctgcctcccg 300

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W--> 67 ccgccgctac cactgectct cttttttttt tttttttttt tttttgaaan ccccggnnn 360
 W--> 69 nnnnnnnnnn nnnnc 375

72 <210> SEQ ID NO: 2
 73 <211> LENGTH: 333
 74 <212> TYPE: DNA
 75 <213> ORGANISM: Mus musculus
 77 <220> FEATURE:
 78 <223> OTHER INFORMATION: Gene trapping of an exon with unknown biological function;

the
 79 sequenced is a 95% match to a NCI_CGAP_Li 9 Mus musculus cDNA
 80 clones, BF539247.1/BF533319.1/...etc., after BLAST searching against
 81 the EST database in genebank.
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <223> OTHER INFORMATION: n=unknown
 88 <220> FEATURE:
 89 <221> NAME/KEY: misc_feature
 90 <223> OTHER INFORMATION: n=unknown
 93 <220> FEATURE:
 94 <221> NAME/KEY: misc_feature
 95 <223> OTHER INFORMATION: n=unknown
 98 <220> FEATURE:
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 100 <223> OTHER INFORMATION: n=unknown
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 104 <221> NAME/KEY: misc_feature
 105 <223> OTHER INFORMATION: n=unknown
 108 <220> FEATURE:
 109 <221> NAME/KEY: misc_feature
 110 <223> OTHER INFORMATION: n=unknown
 113 <220> FEATURE:
 114 <221> NAME/KEY: misc_feature
 115 <223> OTHER INFORMATION: n=unknown
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 120 <223> OTHER INFORMATION: n=unknown
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 124 <221> NAME/KEY: misc_feature
 125 <223> OTHER INFORMATION: n=unknown
 128 <220> FEATURE:
 129 <221> NAME/KEY: misc_feature
 130 <223> OTHER INFORMATION: n=unknown
 133 <220> FEATURE:
 134 <221> NAME/KEY: misc_feature
 135 <223> OTHER INFORMATION: n=unknown
 138 <220> FEATURE:
 139 <221> NAME/KEY: misc_feature
 140 <223> OTHER INFORMATION: n=unknown
 143 <220> FEATURE:
 144 <221> NAME/KEY: misc_feature

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145 <223> OTHER INFORMATION: n=unknown
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <223> OTHER INFORMATION: n=unknown
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (285)..(286)
156 <223> OTHER INFORMATION: n=unknown
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160 <221> NAME/KEY: misc_feature
161 <223> OTHER INFORMATION: n=unknown
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166 <222> LOCATION: (292)..(293)
167 <223> OTHER INFORMATION: n=unknown
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171 <221> NAME/KEY: misc_feature
172 <223> OTHER INFORMATION: n=unknown
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <223> OTHER INFORMATION: n=unknown
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182 <223> OTHER INFORMATION: n=unknown
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <223> OTHER INFORMATION: n=unknown
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (306)..(308)
193 <223> OTHER INFORMATION: n=unknown
196 <220> FEATURE:
197 <221> NAME/KEY: misc_feature
198 <223> OTHER INFORMATION: n=unknown
201 <220> FEATURE:
202 <221> NAME/KEY: misc_feature
203 <222> LOCATION: (326)..(327)
204 <223> OTHER INFORMATION: n=unknown
207 <220> FEATURE:
208 <221> NAME/KEY: misc_feature
209 <223> OTHER INFORMATION: n=unknown
212 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
214 <223> OTHER INFORMATION: n=unknown
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <223> OTHER INFORMATION: n=unknown
222 <400> SEQUENCE: 2
W--> 223 tengcgacca nctcctcgcc cttgctcacc atgggatgct cccggtggtg ggtcgggtggt 60

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W--> 225	ccctgggcag	gggtctccaa	atcccggaag	agccccaaa	tgaaanacc	ccgtctggg	120
W--> 227	tagtcaatca	ctcagaggag	accctcccaa	ggaacagcga	gacctcttt	cggatgcana	180
W--> 229	cagcaagagg	ctttattggg	aatnccggga	cccgggcgac	ncantctatc	ngaagactgg	240
W--> 231	cgttattttt	tttntttttt	ttttttgaat	tncnngggac	ancnncctna	gnntanctnc	300
W--> 233	ncntnnnct	nccctcccta	cttctnntnt	ntn			333

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/811,842

DATE: 05/16/2002
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Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\05162002\I811842.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 3,4,8,350,358,359,360,361,362,363,364,365,366,367,368,369
Seq#:1; N Pos. 370,371,372,373,374
Seq#:2; N Pos. 3,11,106,116,168,179,204,221,224,231,254,272,275,282,285,286
Seq#:2; N Pos. 289,292,293,296,299,301,304,306,307,308,311,326,327,329,331
Seq#:2; N Pos. 333

VERIFICATION SUMMARY
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Input Set : A:\PTO.VSK.txt
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L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:360
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:120
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:180
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:240
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:300